



### AMENDMENTS TO THE SPECIFICATION

Please amend the specification by replacing the paragraph commencing at line 2 page 7 as follows:

The purposes of the present invention are reached by means of a device and a method for synthesizing nanotubes, fullerene and their derivatives.

Please amend the specification by replacing the paragraph commencing at line 11 page 7 as follows:

Advantageously, it is possible to utilize; 1) graphite rods with ends appropriately machined to stack up the rods in a way that the previous rod sustains and pushes the next one inside the chamber.

Please amend the specification replacing the paragraph commencing at line 5 page 11 as follows:

Fig. 2 shows the schematic drawing of the Fig.1 integrated with an insulating material tube 11 with one side tightened to the vacuum chamber 1 and the other one to the evacuation port 3. The inductor 12 is coaxially placed around the insulating material tube 11 and is connected to the high frequency induction heating generator 13. Fig. 2 furthermore illustrates the inductive plasma zone 14 which develops after the inductor 12 inside the insulating tube 11.

Please amend the specification replacing the paragraph commencing at line 21 page 17 as follows:

What has been described for the head of the graphite rod 5 repeats continuously for all the graphite rod 5 material that crosses the inductor 8.

Please amend the specification replacing the paragraph commencing at line 13 page 20 as follows:

Catalyst metals used were cobalt and nickel in the ratio of 3 to 1, the content of catalysts with respect to the total weight of the doped rods with this ratio was in the range of 11%.